

GALANINA, R. S.  
~~Galanina, R. S.~~

USSR/ Chemistry - Organic chemistry

Card 1/1 Pub. 116 - 9/30

Authors : Galanina, R. S., and Nekrasov, A. S.

Title : Thermal chlorination of petroleum n-octane and n-nonane

Periodical : Ukr. khim. zhur. 21/3, 331-334, June 1955

Abstract : Experiments on the chlorination of octane and nonane at temperatures close to the boiling point of monochlorides showed that the Cl selectively displaces a greater part of the hydrogen in second position. During chlorination in the vaporous phase at temperatures much higher than the boiling point of hydrocarbons and monochlorides, the Cl displaces the hydrogen atoms of first position. The secondary hydrogen atoms were found to be displaced at below boiling point temperatures. The effect of temperature increases on the hydrogen atom displacement is further explained. Seven references: 3 USSR, 1 English, 1 French, 1 USA and 1 German (1869-1953). Tables.

Institution : Acad. of Sc., USSR, Crimean Branch

Submitted : September 7, 1954

*GALANINA, R.S.*

USSR/ Chemistry - Thermal chlorination

Card 1/1

Pub. 22 - 24/60

Authors

: Galanina, R. S., and Nekrasov, A. S.

Title

: Activity of hydrogen atoms of various orientation during the chlorination of  $C_6 - C_9$  n-alkanes

Periodical

: Dok. AN SSSR 100/4, 701-703, Feb 1, 1955

Abstract

: Experimental data are presented regarding the thermal chlorination of  $C_6 - C_9$  n-alkanes. A close relation was established between the degree of Cl utilization and temperature and between the hydrocarbon surplus and the contact time of the reagents. The reaction temperature was found to be one of the factors affecting the rate of reaction as well as the orientation of the Cl atoms entering the molecule. The effect of temperature fluctuations on the rate of hydrogen atom substitution by Cl atoms is explained. It was found that a reduction in temperature below the optimum point is followed by a reduction in the activity of primary hydrogen and an increase in the activity of secondary ones. Five references: 3 USSR and 2 English (1936-1953). Tables; drawing.

Institution

: Academy of Sciences, USSR, Petroleum Institute

Presented by

: Academician A. V. Topchiev, June 1, 1954

GALANINA, R.S.

✓ Some regularities in thermal chlorination of *n*-dodecane.  
R. S. Galanina and A. S. Melnikov (Crimean Scientific Acad.  
Sci. Ukr. S.S.R., Simferopol), *Doklady Akad. Nauk*  
S.S.S.R. 108, 251-2 (1959). Thermal chlorination of *n*-  
dodecane performed under previously described conditions  
(cf. C.A. 50, 15604) was found to give 93.8% yield of mono-  
chloride at 280°, 96% at 260°, 84% at 250°, and 62% at  
240°, with progressive increase of the yield of dichlorides  
with decreased temp. Utilization of Cl was 100% at 250-  
80°, but declined rapidly at lower temps. The yield of  
monochloride is 93.5% with 10-fold excess of RII in the re-  
action, 98% with 8-fold excess, and 93% with 4-fold excess;  
the yield of dichloride rises from 1.2% to 5% in this sequence.  
At low feed rates of 12-16 l./l. hr., the monochloride reacts  
further with Cl, but at feed rates above 25 l./l. hr., the con-  
tact time is too short and yields drop. The best space  
velocity is about 25 l./l. hr. Fractionation of the mono-  
chlorides gave 1-C<sub>11</sub>H<sub>23</sub>Cl, b. 241-4°, and secondary chlo-  
rides, b. 231-8°. The relative reactivity of primary H  
atoms is 3.03 in comparison with secondary H atoms.

G. M. Kosolapoff

Chem

2

5

PM

VASIL'YEV, N. N.[Vasyl'iev, N. N.]; GALANINA, R. S.[Halania, R. S.];  
VASIL'YEV, M. M.[Vasyl'iev, M. M.]

Nitrolinoeum parquet tile. Khim. prom.[Ukr.] no.1:82-87  
Ja-Mr '62. (MIRA 15:10)

(Linoeum)

GALANINA, Ye.K.

Type of drive for stepless regulation of the speed and automation  
of stonecutting machinery. Sbor. trud. Kish. otd. NIISMI no.4:66-  
75 '64. (MIRA 18:2)

GALANITSKIY, A.A.

Unsteady anode processes on a gold electrode. Zhur. fiz. khim.  
39 no.8:1843-1845 Ag '65. (MIRA 18:9)

1. Dal'nevostochnyy gosudarstvennyy universitet.

GALANKA, Jozef, prof, mgr inz. [deceased]; CHLEBOWSKI, Tadeusz, dr [deceased];  
SZTELAK, Jozef, mgr inz.; ZIMNY, Waldemar, mgr inz.

Hydrogeologic and engineering-geologic studies for planned pit  
shafts. Rudy i metale 8 no.10:377-381 '63.

GALANKIH, N.K.; MALYAVIN, G.T.; ARANOV, A.D.; KLEMEANOVA, Ye.S.

Repeated surgery in the tetralogy of Fallot. Grud.khir. no.4:25-32  
Jl-Ag '62. (MIRA 15:10)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. -  
deystvitel'nyy chlen AMN SSSR prof. A.A.Vishnevskiy) AMN SSSR.  
(TETRALOGY OF FALLOT)



L 5316-66 EWP(e)/EWT(m)/ENP(t)/EWP(k)/EWP(z)/EWP(b) IJP(c) JD/JG  
ACC NR: AP5024995

SOURCE CODE: UR/0286/65/000/016/0059/0059

INVENTOR: Avetisyan, V. Kh.; Amaryan, A. P.; Andronov, V. P.; Galankin, I. I.;  
Gubar', K. V.; Melashenko, I. P.

ORG: none

TITLE: Method of preparing mixtures for powdered metal contacts. Class 21,  
No. 173856

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 59

TOPIC TAGS: metal powder, metal oxide, powder metal contact

ABSTRACT: A method is presented for preparing material for powdered metal contacts in the form of powder mixtures such as those of silver-copper or silver-cadmium oxide. The powders are obtained by simultaneous alkaline deposition of a mixture of hydroxides of the metals from a common aqueous solution of silver and copper or silver and cadmium nitrates with subsequent heat treatment and elimination of nitrate ions. In order to increase the degree of dispersion and homogeneity of the structure and to improve the technical properties, the deposit obtained is annealed at  $700 \pm 25^\circ\text{K}$  for one hour and then subjected to granulation by introducing a 3-10% solution of polyvinyl alcohol in amounts of up to 10% of the calculated weight of the mixture. The mixture is then annealed once more for one hour.

[JR]

Card 1/1

UDC: 621.316.027.2.066.6:  
621.762.044

L 5316-66

ACC NR: AP5024995

SUB CODE: MM/ SUBM DATE: 21Sep63/ ATD PRESS: 4135

OC

Card 2/2

GALANKIN, N. K.

"Special Bed for Patients Undergoing Specific Surgery on Organs in the  
Chest Regions," Khirurgiya, No. 5, 1949.  
Surgical Institute im. A. V. Vishnevskiy, Acad. of Med. Sci., 1949.

GALANKIN, N. K.

Dissertation: "On the Pathogenesis, Prophylaxis, and Treatment of Shock Originating From a Temporary Constriction of the Extremities by a Tourniquet." Cand Med Sci, Acad Med Sci USSR, 23 Jun 54. (Vechernyaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec 1954

GALANKIN, V.L.

KHAYDAROV, A.Kh.; GALANKIN, H.K.

Production of experimental stenosis (coarctation) of the aorta.

Khirurgiya, no.9:62-64 S '55.

(MLRA 9:2)

1. Iz laboratorii klinicheskoy fiziologii (zav. deystvitel'nyy chlen  
AMN SSSR prof. P.K. Anokhin) Instituta khirurgii imeni A.V.

Vishnevskogo (dir.-chlen-korrespondent AMN SSSR prof. A.A.

Vishnevskiy) Akademii meditsinskikh nauk SSSR.

(COARCTATION OF AORTA, exper.

method)

GALANKIN, N.K.

VISHNEVSKIY, A.A.; SMELOVSKIY, S.I.; pri uchasti N.K.Galankina, A.M.  
Kudryavtsevoy, G.Ye.Perchikovoy, I.I.Savchenkova (Moskva)

Surgical treatment of mitral stenosis with local anesthesia. Klin.  
med. 33 no.2:3-12 P '55. (MLRA 8:5)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo AMN SSSR (dir.  
prof. A.A.Vishnevskiy) i Instituta terapii AMN SSSR (dir. prof.  
A.L.Myasnikov).

(ANESTHESIA, LOCAL,  
in mitral stenosis surg.)

GALANKIN, N.K., DARBINYAN, T.M.

Anastomosis between the superior vena cava and the right pulmonary artery  
[with summary in English]. Exper.khir. 1 no.3:54-57 My-Je '56  
(MIRA 11:10)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir. chlen-  
korrespondent AMN SSSR prof. A.A. Vishnevskiy,) AMN SSSR.

(VENAE CAVA, surg.

exper. anastomosis between superior vena cava & right  
pulm. artery in dogs (Rus))

(ARTERIES, PULMONARY, surg.

same (Rus))

*GALANKIN, N.K.*

VISHNEVSKIY, A.A., professor; ~~GALANKIN, N.K.~~ kandidat meditsinskikh nauk;  
DZHAGARYAN, A.D., kandidat meditsinskikh nauk; SAVCHENKOV, I.I.,  
kandidat meditsinskikh nauk

Surgical treatment of double aortic arch. Khirurgiia 32 no.4:56-62  
Ap '56. (MLRA 9:8)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo AMN SSSR (dir.  
chlen-korrespondent AMN SSSR prof. A.A.Vishnevskiy) i Instituta  
terapii AMN SSSR (dir. deystvitel'nyy chlen AMN SSSR prof. A.L.  
Myasnikov)

(CARDIOVASCULAR DEFECTS, CONGENITAL,  
double aortic arch, surg. (Rus))



EXCERPTA MEDICA Sec.9 Vol.11/11 Surgery Nov 57

GALANKIN, N. K.

5685. (1267) GALANKIN N. K. Surg. Inst. A. V. Vishnevsky, Acad. of Med. Sci. U.S.S.R., Moscow. \*Novocaine blockade in 'tourniquet' shock (experimental investigation) (Russian text) VESTN. KHIR. 1956, 77/4 (48-53) Illus. 5

The comparative effect of prophylaxis and treatment by infiltrating tissues with novocaine, according to A. V. Vishnevsky, above and below the strap in 'tourniquet' shock, was studied in rabbits. The strap was applied in the middle third of the thigh for 24 hr. In the development of 'tourniquet' shock the same 4 stages were observed as in traumatic shock. Removal of the strap aggravated the shock.

Mortality amongst the control animals was 75%. Novocaine infiltration of tissues distal to the strap produced a negative effect and increased the mortality rate. The same happened when novocaine was injected proximal to the strap in the 4th phase of shock. Novocaine anaesthesia of the tissues proximal to the strap and in the early phases of shock had a favourable influence and reduced mortality from 75% to 20%.

References 13.

Shanin - Leningrad

GALANKIN, N.K. (Moskva, Novoslobodskaya ul. d.62, kv. 357)

Ligation of patent ductus arteriosus in paroxysmal tachycardia.  
Vest.khir. 77 no.7:136-137 J1 '56. (MLRA 9:10)

1. Iz Instituta khirurgii im. A.V.Vishnevskogo AMN SSSR (dir. -  
prof. A.A.Vishnevskiy)

(DUCTUS ARTERIOSUS, PATENT, compl.

paroxysmal tachycardia, surg.)

(TACHYCARDIA, PAROXYSMAL, etiol. and pathogen.  
patent ductus arteriosus, surg.)

GALANKIN, N.K.; TSUKERMAN, B.M.

Surgical treatment of truncus arterious [with summary in English].  
Eksper.khir. 2 no.4:8-12 J1-Ag '57. (MIRA 10:11)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. - deystvitel'-  
nyy chlen Akademii meditsinskikh nauk SSSR, sasluzhenyy deyatel'  
nauki, prof. A.A.Vishnevskiy) AMN SSSR.

(CARDIOVASCULAR DEFECTS, CONGENITAL, surg.  
truncus arterious)

"Blalock Operation With Graft to Lengthen Subclavian Artery," by  
A. A. Vishnevskiy, N. K. Galankin, and D. A. Donetsky, Institute  
of Surgery imeni A. V. Vishnevskiy (director, Prof A. A. Vish-  
nevskiy, Corresponding Member of the Academy of Medical Sciences  
USSR), Academy of Medical Sciences USSR, Eksperimental'naya  
Khirurgiya, No 1, Jan/Feb 57, pp 7-13

An operative procedure, based on lengthening the subclavian artery  
with a graft before its anastomosis with pulmonary arteries is described.  
Thirty-one operations (28 of which were done under hypothermia) prove the  
advantage of this method in cases of Fallot's tetralogy over Pott's and  
Blalock-Taussig's operations, especially in cases of dextroposition of the  
aortic arch, a narrow pulmonary artery measuring 5-6 mm, and in the presence  
of atheromatosis.

To prepare the patients for these operations, ascorbic acid, vitamin  
B<sub>1</sub>, and adenosine triphosphoric acid (one cubic centimeter of a one  
percent solution, once daily), were given for a period of 5-30 days  
depending on the degree of cardiac impairment.

Drawings illustrate end-to-end splicing of blood vessels by using the  
Donetsky ring. (U)

*Sum in 1967*

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

1117. ON CAVO-PULMONARY ANASTOMOSIS (Russian text) - Galankin N. K.  
EKSPER. KHIR. 1957, 5 (33-38) illus. 4

A personal technique of the operation without opening of the pericardium is described. In 2 patients who had a double vena cava this operation was performed on the left side without opening the pericardium and with good clinical results.

*IZ Institute khirurgii imeni A.V. Vishnevskogo*

*(dir. - deystvitel'nyy chlen AMN SSSR prof.*

*A. A. Vishnavskiy). AMN SSSR*

GALANKIN, H.K. (Moskva, Novoslobodskaya ul, d.62, kv.357)

Operative management of patients with tetralogy of Fallot [with summary in English]. Vest.khir. 79 no.11:59-64 N '57. (MIRA 11:3)

1. Iz Instituta khirurgii im. A.VVishnevskogo AMN SSSR (dir.-prof. A.A.Vishnevskiy)

(TETRALOGY OF FALLOT, surg.

Blalock & Potts operation & caval-pulm. anastomosis, evaluation (Rus)

GALANKIN, N.K. kand.med.nauk

Ring clamp for manual application of vascular anastomosis.

Khirurgia 33 no.11:123-124 N '57.

(MIRA 11:2)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo AMN SSSR  
(dir. instituta - deystvitel'nyy chlen AMN SSSR prof. A.A.Vishnev-  
skiy)

(CARDIOVASCULAR SYSTEM, surg.

ring clamp for manual placement of vasc. anastomosis  
(Rus))

GALANKIN, N.K., kand.med.nauk (Moskva, Novoslobodskaya ul., d. 62, kv. 357)

Hypothermia in extracardiac surgery for treating tetralogy of  
Fallot. Vest.khir. 81 no.11:56-62 N '58. (MIRA 12:3)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. - prof.  
A.A.Vishnevskiy) AMN SSSR.

(TETRALOGY OF FALLOT)

(HYPOTHERMIA)



*Nikolay ~~Zor~~ Kuz'ACH*  
GALANKIN, N. K.: Doc Med Sci (diss) -- "The clinical aspects and surgical  
treatment of patients with the tetralogy of Fallot". Moscow, 1959. 27 pp  
(Acad Med Sci USSR), 200 copies (KL, No 12, 1959, 131)

*Defended 2 Oct 59 in Council of Inst Clinical Med USSR*

GALANKIN, N.K.; RUBETSKOY, L.S. (Moskva)

Congenital absence of valves of the pulmonary artery with a normal diameter at its mouth. Eksper. khir. 4 no;6:43-45 N-D '59.

(MIRA 14:6)

(PULMONARY ARTERY—ABNORMITIES AND DEFORMITIES)

GALANKIN, N.K., kand.med.nauk

Tetralogy of Fallot and its diagnosis. *Pediatrics* 37 no.7:  
3-9 J1 '59. (MIRA 12:10)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo AMN SSSR (dir. -  
deystvitel'nyy chlen AMN SSSR prof.A.A.Vishnevskiy).

(TETRALOGY OF FALLOT, diagnosis,  
(Rus))

GALANKIN, N.K.; KLEMENOVA, Ye.S.; RUBETSKOY, L.S.

Five cases of intravital diagnosis of Ebstein's disease. Eksper.  
khir. 5 no. 2:19-26 Mr-Apr '60. (MIRA 14:1)  
(HEART--ABNORMITIES AND DEFORMITIES)

VISNEVSKIY, A.A.; GALANKIN,

Anastomosis of the peripheral ends of the superior vena cava to the right pulmonary artery in experimental and clinical conditions. Rozhl.chir.39 no.11:766-779 N'60.

1. Z Ustavu chirurgie A.V. Visnevskeho, Akademie lekarskych ved SSSR (reditel - radny clen AIW SSSR prof. A.A. Visnevskiy).  
(HEART DEFECTS CONGENITAL surg)  
(VENA CAVA surg)  
(PULMONARY ARTERY surg)

SAVEL'YEV, Viktor Sergeyevich; GALANKIN, N.K., red.; ZAKHAROVA, A.I.,  
tekhn. red.

[Catheterization and angiocardiology in congenital defects  
of the heart] Zondirovanie i angiokardiografiia pri vrozhden-  
nykh porokakh serdtsa. Moskva, Medgiz, 1961. 238 p.

(MIRA 15:3)

(HEART—ABNORMALITIES AND DEFORMITIES) (CATHETERS)  
(ANGIOCARDIOGRAPHY)

GALANKIN, N. K., d-r na meditsinskite nauki

Results of palliative surgery in the treatment of patients with tetralogy of Fallot, atresia of the right venous orifice and transposition of the blood vessels with disorders of pulmonary circulation. Khirurgiia, Sofia 14 no.2/3:214-216 '61.

1. Institut po khirurgiia "A. V. Vishnevski" na AMN na SSSR.

(TETRALOGY OF FALLOT surg)  
(HEART DEFECT CONGENITAL surg)

VISHNEVSKIY, A.A.; GALANKIN, N.K.; DONETSKIY, D.A.

Results of palliative surgery in the treatment of the tetralogy of Fallot, atresia of the right venous orifice, and transposition of the blood vessels with decreased pulmonary blood flow. Vest. AMN SSSR 16 no.8:27-30 '61. (MIRA 14:12)

1. Institut khirurgii imeni Vishnevskogo AMN SSSR.  
(HEART—ABNORMALITIES AND DEFORMITIES)



VISHNEVSKIY, A.A., prof.; GALANKIN, N.K., doktor med. nauk; ARAPCV, A.D.; AKHMETOV, A.M.; VINITSKAYA, R.S., kand. biol. nauk; VOLYNSKIY, Yu.D.; DARBINYAN, T.M., kand. med. nauk; DONETSKIY, D.A., kand. med. nauk; KLEMEKOVA, Ye.S.; KUDRYAVTSEVA, A.M., kand. med. nauk; KRYMSKIY, L.D., kand. med. nauk; LOKSHINA, K.A.; MAZAYEV, P.N., prof.; PANOVA, Yu.M.; PROMTOVA, T.N., kand. biol. nauk; PYL'TSOV, I.M.; SERGEYEVA, K.A., kand. med. nauk; KHARNAS, S.Sh., kand. med. nauk; KHRUSHCHEVA, kand. med. nauk; TSUKERMAN, B.M., kand. biol. nauk; SHIK, L.L., prof.; GOL'DGAMMER, K.K., red.; BALDINA, N.F., tekhn. red.

[Congenital defects of the heart and large vessels] Vrozhdennye poroki serdtsa i krupnykh sosudov; rukovodstvo dlia vrachei. Moskva, Medgiz, 1962. 577 p. (MIRA 16:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Vishnevskiy).

(CARDIOVASCULAR SYSTEM--DISEASES)

GALANKIN, N.K.; MALYAVIN, G.T.; ARAPOV, A.D.

On rethoracotomy in patients with tetralogy of Fallot. Grud.khir.  
5 no.1:77-81 Ja-F'63. (MIRA 16:7)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir.-desystvitel'-  
nyy chlen AMN SSSR prof. A.A. Vishneskiy) AMN SSSR. Adres avtorov:  
Moskva, B.Serpukhovskaya, d.27, Institut khirurgii imeni A.V. Vish-  
neyskogo.

(TETRALOFY OF FALLOT) (CHEST--SURGERY)  
(SURGERY--COMPLICATIONS AND SEQUELAE)

GALANKIN, N.K.; MALYAVIN, G.T.

Causes of unsuccessful surgery and results of thoracotomy in  
tetralogy of Fallot. Eksper. khir. i anest. 8 no.4:37-41 JI-Ag  
'63. (MIRA 17:5)

1. Institut khirurgii imeni A.V. Vishnevskogo (direktor - daystvitel'nyy  
chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.

GALANKIN, N.K.; MORDKOVICH, M.R.

Outcome of operations depending on the state of the contractile function of the myocardium in congenital heart defects. Grud. khir. 6 no.5:9-12 S-O '64. (MIRA 18:4)

1. Institut khirurgii imeni Vishnevskogo (dir. - daystvitel'nyy chlen AMN SSSR prof. A.A.Vishnevskiy) AMN SSSR, Moskva. Adres avtorov Moskva, B.Serpukhovskaya, d.27, Institut khirurgii imeni Vishnevskogo.

GALANKIN, N.K.; MALYAVIN, G.T.; KRYMSKIY, L.D.; ARAPOV, A.D.

Combination of tetralogy of Fallot with other developmental anomalies. Grud. khir. 6 no.1:32-36 Ja-F '64. (MIRA 18:11)

1. Institut khirurgii imeni Vishnevskogo (dir. - deystvitel'-nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR, Moskva. Adres avtorov: Moskva, B. Serpukhovskaya ul., d.27, Institut khirurgii imeni Vishnevskogo. Submitted October 20, 1962.

PROCESS AND PROPERTIES																									
<p><i>GADANKOVA, L. F. A.</i></p> <p><i>CA</i></p> <p>The working up of gold-antimony ores. N. P. Sazonov and K. A. Gadankina. <i>Tsvetnaya Met.</i> 10, No. 21, 20-23 (1941); <i>Chem. Zvest.</i> 1946, 11, 1007. --A tech. scheme tested on a lab. scale is recommended for the working up of Au-Sb ores. The process is based on the property of metallic Sb to collect noble metals. The process is made up of the following steps: comm. of the ore in order to obtain a Au-Sb concentrate, a pptg. fusion of the concentrate, refining of the crude Sb at red heat, electrolysis in acid fluoride soln., and working up the anodic sludge to recover the Au. The addn. of litharge to the charge has a beneficial effect on the fusion. The process gives a completely satisfactory sepn. of the Sb and Au.</p> <p>M. G. Mironov</p>																									
<p>ASB-SL METALLURGICAL LITERATURE CLASSIFICATION</p>																									

SOV/137-57-1-1629

Translation from: Referativnyy zhurnal. Metallurgiya, 1957, Nr 1, p 217 (USSR)

AUTHORS: Galankina, Ye. A., Bugrova, V. I.

TITLE: Assaying of Ores and Products of Nonferrous Metallurgy Through Copper Smelting (Probirnyy analiz rud i produktov tsvetnoy metallurgii s primeneniym mednoy plavki)

PERIODICAL: Sb. nauch. tr. Gos. nauch. in-t tsvet. met., 1956, Nr 12, pp45-51

ABSTRACT: Laws governing crucible smelting with a Cu alloy which is used in assaying as a collector of noble metals, as well as the methodology of the analysis, a list of the constituents of charge mixtures recommended, and a tabulation of usable weights of Cu alloy in relation to the amount of S in the specimen are adduced. In the opinion of the authors the Cu smelting method has advantages over the Pb-smelting method in the analysis of complex products of nonferrous metallurgy plants.

N. G.

Card 1/1

AZOS, S.; AREF'YEV, A.; ARTAMONOV, I.; BABINA, I.; BEREGOVSKIY, V.; BLOZHKO, V.;  
 BRAVKERMAN, A.; BYKHOVSKIY, Yu.; VINOGRADOVA, M.; GALANKINA, Ye. A.  
 GIL'DENGERSH, F.; GLOBA, T.; GREYTER, N.; GORDON, G.; GUL'DIN, I.;  
 GULYAYEVA, Ye.; GUSHCHINA, I.; DAVYDOVSKAYA, Ts.; DAMSKAYA, G.;  
 DERKACHEV, D.; YEVDOKIMOVA, A.; YEGUNOV, V.; ZABELYSHINSKIY, I.;  
 ZAYDENBERG, B.; AZMOSHNIKOV, I.; IFKINA, S.; KACHEVSKIY, V.;  
 KLUSHIN, D.; KUVINOV, Ye.; KUZNETSOVA, G.; KURSHAKOV, I.;  
 LAKERNIK, M.; LEYZEROVICH, G.; LISOVSKIY, D.; LOSKUTOV, F.;  
 MAL'VSKIY, Yu.; MASLYANITSKIY, I.; MAYANTS, A.; MILLER, L.;  
 MITROFANOV, S.; MIKHAYLOV, A.; MYAKINENKOV, I.; NIKITINA, I.;  
 NOVIN, R.; OGNEV, D.; OL'KHOV, N.; OSIPOVA, T.; OSTRONOV, M.;  
 PAKHOMOVA, G.; PETKER, S.; PLAKSIN, I.; PLETENEVA, N.; POPOV, V.;  
 PRESS, Yu.; PROKOF'YEVA, Ye.; PUCHKOV, S.; REZKOVA, F.; RUMYANTS'EV, M.;  
 SAKHAROV, I.; SOBOL', S.; SPIVAKOV, Ya.; STRIGIN, I.; SPIRIDONOVA, V.;  
 TIMKO, Ye.; TITOV, S.; TROITSKIY, A.; TOLKONNIKOV, K.; TROFIKOVA, A.;  
 FEDOROV, V.; CHIZHIKOV, D.; SHEYN, Ya.; YUKHTANOV, D.

Roman Lazarevich Veller; on obituary. TSret. met. 31 no. 5: 78-79  
 My '58. (MIRA 11:6)

(Veller, Roman Lazarevich, 1897-1958)



GALANKINA, Ye.A.; BUGROVA, V.I.

Refining of the methods of assaying polymetallic ores and tailings.  
Zav. lab. 29 no.9:1042-1046 '63. (MIRA 17:1)

1. Tsentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy  
institut tsvetnykh, redkikh i blagorodnykh metallov.

GALANOMATIS, A.; YAKOVITSKIY, A., starshiy prepodavatel'

Economic conference in an enterprise. Sots.trud 7 no.7:151-152  
Jl '62. (MIRA 15:8)

1. Nachal'nik planovo-proizvodstvennogo otdela Kazakhskogo zavoda sel'skokhozyaystvennogo mashinostroyeniya (for Galanomatis).
2. Ekonomicheskoy fakul'tet Kazakhskogo gosudarstvennogo universiteta im. S.M.Kirova (for Yakovitskiy).  
(Tselinograd--Agricultural machinery industry--Congresses)

GORDEYEV, B.; GALANOV, A.

Development of machinery exports [with English summary in in-  
sert]. Vnesh.torg. 28 no.11:30-41-1958 (MIRA 11:12)  
(Russia--Commerce) (Machinery industry)

GORDEYEV, B.; GALANOV, A.

Principals tasks in the export of machinery equipment [with English  
summary in supplement]. Vnesh. torg. 29 no.5:2-9 '59.

(MIRA 12:6)

(Export sales) (Machinery industry)

GANKOV, B., inzh., nauchn sutrudnik; GALANOV, A., inzh.

Plasticized laminated wood and press pieces of wood particles as substitutes for metals. Durvomebel prom 7 no.2/3:18-22 Mr-Je '64.

1. NIPKIDMP, Pazardzhik (for Gankov). 2. Chief Engineer, "Furnir-Parket" State Industrial Enterprise, Sofia (for Galanov).

GALANOV, A.G., kandidat tekhnicheskikh nauk.

Relationship of curve resistance to train length. Transp. stroi. 7  
no.1:24-25 Ja '57. (MLRA 10:3)  
(Railroads--Curves and turnouts)

GALANOV, A.G.

Deputies in the struggle for the preservation of apartment  
buildings. Gor.khoz.Mosk. 36 no.7:4-5 J1 '62. (MIRA 16:1)

1. Predsedatel' Postoyannoy zhilishchnoy komissii Moskovskogo  
gorodakogo soveta deputatov trudyashchikhaya.  
(Apartment houses--Maintenance and repair)

Galanov, R.S.

15  
Vulcanization accelerator. D. M. Chernyshev, D. N. Gelfer, A. S. Oshakov, V. O. Mitkov, and A. B. Sengalovich. U.S.S.R. 160,911, Sept. 25, 1955. The benzothiazolyl dialkyldithiocarbamate is used as the vulcanization accelerator for natural and synthetic rubber.

M. Hosen

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6  
1  
May 2



GALANOV, B.A. [Galanov, F.O.]

General technique of devising methods for solving nonlinear equations. Dop. AN URSR no.12:1552-1558 '65.

(MIRA 19:1)

1. Institut kibernetiki AN UkrSSR i Kiyevskoye otdeleniye  
Vsesoyuznogo gosudarstvennogo proyektirovogo instituta  
"Teploelektroproyekt". Submitted December 2, 1964.

ACC NR: AP6002822

SOURCE CODE: UN/0021765/000/012/1593/1558

AUTHOR: Halanov, B. O. -- Galanov, B. A.

ORG: Institute of Cybernetics, Kiev Department of the All-Union State Planning Institute "Teploelektroproyekt" (Instytut kibernetiky, Kyivske viddilennya Vsesoyuznoho derzhavnoho proyektnoho instytu "Teploelektroproyekt")

TITLE: General procedure for obtaining methods for solving the nonlinear equation

SOURCE: AN UkrRSR. Dopovidi, no. 12, 1965, 1553-1558

TOPIC TAGS: nonlinear equation, iteration, approximation method, differential equation, function, root calculation

ABSTRACT: A procedure for obtaining iterative methods for solving the nonlinear equation  $f(x) = 0$  is described. The procedure is based on approximation methods for solving the differential equation  $\frac{d^n x}{dy^n} = F(x)$ , where function  $F(x)$  is constructed in accordance with the

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L 20007-00

ACC NR:AP6002852

function of  $f(x)$ . The solution of this equation determines the reverse function  $x(y)$  for the function  $y = f(x)$  whose value at the point  $y = 0$  gives the value of the root of the equation  $f(x) = 0$ . This is a simple procedure for obtaining iterative methods of higher order. This paper was presented by Academician V. M. Hlushkov. Orig. art. has: 26 formulas and 1 table.

SUB CODE: 12/ SUBM DATE: 02Dec64/ ORIG REF: 001

Card 2/2/MLP

SAZONOV, A.N., inzh., otvetstvennyy red.; TIL'TIN, G.K., inzh., red.;  
BRISKINA, A.I., inzh., red.; KALMYKOV, N.V., inzh., red.; KUTIKOVA,  
A.I., inzh., red.; GALANOV, I.G., inzh., red.; STYL'MAKH, A.N., red.  
izd-va; SHKLYAR, S.Ya., tekhn. red.

[Rules for organisation and safe operation of gas producer stations  
operated on peat] Pravila ustroistva i bezopasnoi ekspluatatsii  
torfianyykh gazogeneratorykh stantsii. Moskva, Ugletekhizdat, 1957.  
34 p. (MIRA 11:7)

1. Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym  
vedeniyem rabot v promyshlennosti i gornomu nadzoru.  
(Peat) (Gas producers)

GALANOV, I.G., inzh.; OVSYANNIKOV, Yu.N., inzh.

Improve the operating safety of gas-using units. Bezop.  
truda v prom. 4 no.7:16-17 J1 '60. (MIRA 13:8)  
(Gas industries--Safety measures)  
(Gas companies--Safety measures)

GALANOV, I.G., inzh.

Intensify the inspection of the gas industry. Besop.truda v prom.  
7 no.7:1-2 JI '63. (MIRA 16:9)

1. Gosudarstvennyy komitet pri Sovete Ministrov RSFSR po nadzoru za  
bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru RSFSR.  
(Gas industry—Safety measures)

GALANOV, I.G., otv. red.; MATLAKHOV, S.G., otv. red.; POLESIN, Ya.L., red.; BOGOMOLOV, A.I., red.; ZHELEZNIKOVA, M.A., red.; ZHIDOVETSKIY, B.V., red.; ZIL'BERSHTEYN, I.A., red.; KANER, I.Ye., red.; KLYUYEVA, Ye.P., red.; KOZLOVA, Ye.I., red.; MAKAROV, A.D., red.; SAMARTSEV, A.I., red.; SOLOPKO, A.P., red.; TIKHONOV, V.A., red.; VOLKOVA, V.A., ved. red.

[Safety regulations in the gas industry; regulations obligatory for all ministries, departments, and organizations] Pravila bezopasnosti v gazovom khoziaistve; pravila obiazatel'ny dlia vseh ministerstv, vedomstv i organizatsii. Perer. i dop. izd. Moskva, Nedra, 1965. 143 p.

(MIRA 18:3)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru.

YEGOROV, Ye.N., kand.geograf.nauk; GALANOV, L.G.

A short-lived storm. Priroda 51 no.1:90-92 Ja '62. (MIRA 15:1)

1. Laboratoriya dinamiki beregov Chernomorskoy eksperimental'noy  
nauchno-issledovatel'skoy stantsii Instituta okeanologii AN SSSR.  
(Azov, Sea of--Storms)



YEGOROV, Ye.N.; GALANOV, L.G.

Some intermediate relief forms in the zone of underwater bars.  
Trudy Inst. okean. 53:52-57 '61. (MIRA 15:2)  
(Black Sea—Sand bars)(Azov, Sea of—Sand bars)

ACC NR: AN6034013

SOURCE CODE: UR/0213/66/006/005/0894/0899

AUTHOR: Galanov, L. G.

ORG: Black Sea Experimental Scientific Research Station, Institute of Oceanography,  
AN SSSR (Chernomorskaya eksperimental'naya nauchno-issledovatel'skaya stantsiya  
Instituta okeanologii AN SSSR)

TITLE: Higher precision in quantitative determinations of sea-sand displacement

SOURCE: Okeanologiya, v. 6, no. 5, 1966, 894-899

TOPIC TAGS: hydrography, hydrographic <sup>survey</sup> ~~investigation~~, <sup>soil</sup> ~~investigation~~, ~~data~~  
~~bottom sampling~~, sediment corer, sand/Black Sea

ABSTRACT: Experiments with luminophore-colored sand have been conducted along the Kolkhida coast of the Black Sea in 1963—1964 to develop methods for quantitative studies of the sand displacement along the shore. The methods had the feature of using small quantities of sand-tracer injected rhythmically with the motion of waves, and bottom sampling was conducted without disturbing its structure by a sediment corer designed by the author. The experiments have solved a number of methodological problems and have provided completely new data on the thickness of the sediment layer being displaced, the sand-displacement rate, and the sand yield along the shore. Some parameters of sand displacement are presented, and computations of its yield

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UDC: 551.417

ACC NR: AP6034013

are described. The advantages of the new method are also considered. Orig. art.  
has: 1 figure.

SUB CODE: 08/ SUBMDDATE: 16Feb65/ ORIG REF: 002

Card 2/2

PASSET, B.V.; GALANOV, M.E.

Sulfonation of naphthalene with sulfuric acid in the presence  
of alkali metal sulfates. Zhur. prikl. khim. 36 no.8:1793-  
1799 Ag '63. (MIRA 16:11)

1. Leningradskiy tekhnologicheskij institut imeni Lensoveta.

S/138/62/000/011/008/008  
A051/A126

AUTHORS: Setkina, O.N., Popova, A.M., (deceased), Galanov, O.P.

TITLE: Determination of organic ingredients in rubber mixes and their vulcanizates by the method of ultraviolet spectra absorption

PERIODICAL: Kauchuk i rezina, no. 11, 1962, 53 - 56

TEXT: Ultraviolet spectra absorption curves of certain organic ingredients (diazoaminebenzene, Neozone D, peroxide, benzoyl, diphenylguanidine, quinodioxime, chloranil, altax, captax, thiuram), are submitted. A description is given of their extraction conditions from rubber mixes and vulcanizates based on natural sodium-butadiene, butadiene-styrene, butadiene-nitrile, chloroprene rubbers and butyl rubber. The МСН-22 (ISP-22) spectrograph was used to photograph the spectra in a metal cuvette of varying thickness. The M.K. Ivanova hydrogen lamp system served as the ultraviolet beam source. The quantitative ingredient content was determined by comparing the extracts spectra of the raw rubber mixes and their vulcanizates. The qualitative changes of the investigated ingredients, noted in the vulcanization of butadiene-styrene rubber with diazoaminebenzene,

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Determination of organic ingredients in ....

S/138/62/000/011/008/008  
A051/A126

are explained by the presence of Neozone D and benzoyl peroxide in the rubber. The interaction of these ingredients with diazoaminobenzene was studied: the spectrum of mix, diazoaminobenzene and Neozone D, after being heated to 143°C, acquires a "new" strip of absorption in the range of 5,000 Å, similar to that noted in the vulcanization of butadiene-styrene rubber and diazoaminobenzene. The results also showed that the appearance of the "new" strip is caused by the interaction of the diazoaminobenzene with the Neozone D, at elevated temperatures in vulcanization. An analysis of the addition spectrum, obtained from the reaction of the latter, indicated the constancy of the Neozone D structure. Conclusions: 1) By means of the ultraviolet absorption spectra, the qualitative and quantitative changes of organic ingredients in rubber mixes and vulcanizates can be determined through an analysis of the spectra of alcohol extracts from raw and vulcanized mixes; 2) the quantity of unbound ingredients introduced into the raw mixes decreases with an increase in temperature and vulcanization duration; 3) during the vulcanization of butadiene-styrene rubber and diazoaminobenzene, the reaction of the former takes place with Neozone D, included in the composition of the rubber, resulting in the formation of phenylbetadiazobenzene; 4) the ultraviolet spectra absorption method can be used in studying the vulcan-

Card 2/3

Determination of organic ingredients in ....

S/138/62/000/011/008/008  
A051/A126

ization processes. The method described is being used in cooperation with the  
"Krasnyy Treugol'nik" Plant for studying commercial mixes and vulcanizates.  
There are 4 sets of graphs.

ASSOCIATION: Leningradskiy tekhnologicheskii institut im. Lensovet (Leningrad  
Institute of Technology, im. Lensovet)

✓

Card 3/3

GALANOV, O.P.; SETKINA, O.N.; UR'YAN, R.S.; PAVLOVA, A.Yu.

Quantitative spectral determination of titanium dioxide in rubber  
compounds. Kauch. i rez. 24 no.5:53 My '65. (MIRA 18:9)

1. Leningradskiy tekhnologicheskii institut im. Lenseveta i zavod  
"Krasnyy treugol'nik."



GALANOV, P. (Sofia)

How to make filmstrips. Mat i fiz Bulg 7 no.5:62-64 '64.

MAN'KOVSKIY, G.I., nauchn. sotr.; GALANOV, P.I., inzh.; YERSHOV, N.K.,  
nauchn. sotr.; MURAV'YEV, D.S., nauchn. sotr.; NOSOVSKIY,  
A.A., inzh.-konstruktor; PODOLYAKO, L.G., nauchn. sotr.;  
TIMOSHPOL'SKIY, Ye.Ya., inzh.-konstruktor; FEYGIN, L.M.,  
inzh.-konstruktor; SHVETS, V.V., inzh.

[Boring mine shafts with machines made by the Ural Factory  
for Heavy Machinery Manufacture] Burenie stvolov shakht usta-  
novkami UZTM. Moskva, Izd-vo "Nedra," 1964. 131 p.

(MIRA 17:8)

1. Chlen-korrespondent AN SSSR (for Man'kovskiy). 2. Institut  
gornogo stroitel'stva imeni A.A.Skochinskogo (for Man'kovskiy, Yershov,  
Murav'yev, Shvets). 3. Ural'skiy zavod tyazhelogo mashino-  
stroyeniya imeni Sergo Ordzhonikidze (for Nosovskiy, Timoshpol'skiy,  
Feygin, Galanov).

SALANOV, P.N.

SURNAME, Given Names

Country: Bulgaria

Academic Degrees: not given

Affiliation: not given

Source: Sofia, Matematika i Fizika, Vol IV, No 5, Sep/Oct 1961, pp 28-34

Data: "Direct and Alternate Electric Currents in Power Transmission."

GPO 981643

GALANOV, P. (Sofia)

How to form notions of physics at the secondary schools. Mat i fiz Bulg  
5 no.2:31-36 Mr-Apr '62

GALANOV, P. (Sofia)

How to make interesting the lesson "Uniformly Delaying Motion."  
Mat i fiz Bulg 5 no.3:45 My-Je '62.

GALANOV, P.N.

News in physics. Mat i fiz Bulg 6 no.1:56-58 Ja-F'63.

GALANOV, Petur (Sofia)

The theme on mechanical energy in the 9th grade. Mat i fiz Bulg  
6 no.3:23-30 My-Je '63.

GALANOV, P.N. (Sofia)

Notes on the textbook on physics for the 9th grade. Mat i fiz  
Bulg 7 no. 2:60-64 My-Je '64.



ACC NR: AR6036993 (AJN) SOURCE CODE: UR/0181/66/008/011/3386/3388

AUTHOR: Galanov, Ye. K.

ORG: none

TITLE: Symmetry of  $\text{SeO}_4^{--}$  ions of triglycin selenate crystals in the paraelectric and ferroelectric phases

SOURCE: Fizika tverdogo tela, v. 8, no. 11, 1966, 3386-3388

TOPIC TAGS: paraelectricity, ferroelectricity, selenium compound, crystal symmetry, phase transition, spectral distribution

ABSTRACT: In view of the fact that earlier investigations of this crystal have left the symmetry of the  $\text{SeO}_4^{--}$  ions undetermined, the authors investigated the polarization spectra of infrared reflection of single crystals of triglycin selenate (TGSe) in the interval  $4000 - 250 \text{ cm}^{-1}$  at 278 and 366K. The spectra were recorded with a spectrometer (IR800). Of the three possible symmetries that can be reconciled with the obtained spectra ( $T_d$ ,  $C_{3v}$ , and  $C_{2v}$ ), it is shown by the analysis of the possible transitions and selection rules that the most likely is  $C_{2v}$ . From the changes in the line intensities and slight shift of the valence-oscillation bands occurring at the phase transition, it is deduced that the spectrum observed on going through the Curie point is due either to the deformation of the  $\text{SeO}_2\text{O}_2^{1(--)}$  ion or to distortion of the crystalline field, the latter being made possible by the deformation of other rigid groups or by a shift of groups relative to each other. Experimental evidence is presented

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ACC NR: AP6036993

favoring rejection of the latter possibility and it is therefore concluded that the change in symmetry of the crystal lattice of TGSe during the phase transition is due primarily to the intrinsic deformation of the rigid ion  $\text{SeO}_2\text{O}_2^{1--}$ . The author thanks L. D. Kislovskiy for numerous valuable remarks. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 20May66/ ORIG REF: 004/ OTH REF: 004

Card 2/2

GALANOV, Ye.K.; KISLOVSKIY, L.D.

Use of infrared reflection spectra in studying phase transitions  
in triglycine sulfate crystals. Kristallografiia 10 no.2:209-213  
Mr-Ap '65. (MIRA 18:7)

1. Gosudarstvennyy opticheskii institut imeni S.I. Vavilova.

L 7843-66 EWT(m)/EPF(s)/EWP(j)/APP(t)/EWP(b) IJP(c) JD/RM  
 ACC NR: AP 5028098 SOURCE CODE: UR/0048/65/029/011/1966/1968  
 AUTHOR: Galanov, Ye.K.; Kislovskiy, L.D.  
 ORG: State Optics Institute im. S.I.Vavilov (Gosundarstvennyy opticheskiy institut;  
 Institute of Crystallography, Academy of Sciences, SSSR (Institut kristallografiya  
 kristallografiy Akademii nauk SSSR)  
 TITLE: Changes in the infrared reflection spectrum of triglycine sulfate incident to  
 the phase transition /Report Fourth All-Union Conference on Ferroelectricity held at  
 Rostov-on-the-Don 12-18 September 1964  
 SOURCE: AN SSSR. Izvestiya.Seriya fizicheskaya,v.29, no.11, 1965, 1966-1968  
 TOPIC TAGS: Ferroelectric crystal, phase transition, light reflection, IR absorption,  
 molecular vibration  
 ABSTRACT: By comparing their previous infrared reflection measurements on triglycine  
 sulfate crystals (Ye.K. Galanov and L.D. Kislovskiy, Kristallografiya, 10, No.2, 209  
 (1965)) with x-ray diffraction data and the results of Raman and infrared absorption  
 spectroscopy found in the literature, the authors have derived vibrational assign-  
 ments for 25 reflection bands with wave numbers between 504 and 3150  $\text{cm}^{-1}$ ; these are  
 tabulated and compared with assignments arrived at by R.S.Krishnan and P.S.Narayanan  
 (Crystallography and Crystal Perfection. Ed. G.N.Ramachandran,p.329, L. - N.Y., Acad.  
 Press, 1963). Changes in the spectrum at the phase transition point were observed  
 Card 1/2

L 7843-66

ACC NR: AP 5028098

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only with crystals cut perpendicular to the  $b$  axis, in the direction of spontaneous polarization, and only in the vicinity of the absorption at  $1150\text{ cm}^{-1}$ , which is due to the breathing of the  $\text{NH}_3^+$  group in the glycine I molecule. This band was examined with high resolution, using a replica grating having 100 lines/mm. This band was found to be double. One reflection maximum, at  $1123\text{ cm}^{-1}$ , did not shift at the phase transition, while the other appeared at  $1143\text{ cm}^{-1}$  in the paraelectric phase and at  $1157\text{ cm}^{-1}$  in the ferroelectric phase. The phase shift in reflection was derived with the aid of the dispersion relation, and from this the optical constants were calculated. There was found to be one absorption peak at  $1125\text{ cm}^{-1}$  in both phases and one at  $1152\text{ cm}^{-1}$  in the paraelectric phase, which shifted to  $1164\text{ cm}^{-1}$  in the ferroelectric phase. The relative frequency shift of this absorption peak is equal to that of the higher frequency component of the band observed by Krishnan at  $2791\text{ cm}^{-1}$  in the Raman spectrum and ascribed to stretching vibrations of the N-H bond in the same  $\text{NH}_3^+$  (1) group. It is concluded that the symmetry of the field in the vicinity of the  $\text{NH}_3^+$  (1) ion changes at the phase transition. The authors thank L.A. Shuvalov and V.M. Zolotarev for valuable discussions and assistance, and B.S. Neporent for his interest and valuable advice. Orig.art. has: 2 formulas, 1 figure and 1 table.

SUB CODE: SS, OP

SUBM DATE: 00/

ORIG. REF: 001

OTH REF: 008

Card 2/2

ACC NR: AP6026691

SOURCE CODE: UR/0181/66/008/008/2401/2404

AUTHOR: Galanov, Ye. K.; Kislovskiy, L. D.

ORG: none

TITLE: Deformation of the  $\text{SO}_4^{2-}$  ion triglycine sulfate crystals during phase transition

SOURCE: Fizika tverdogo tela, v. 8, no. 8, 1966, 2401-2404

TOPIC TAGS: IR reflectance, absorption spectrum, IR spectrum, phase transition

ABSTRACT: Infrared reflection and absorption spectra of isomorphous triglycine sulfate single crystals are studied. The resulting spectra are compared with those of a group of alum crystals. In these crystals, just as in the triglycine sulfate crystals, the rigid  $\text{SO}_4^{2-}$  ions are weakly perturbed by the crystal lattice. The analysis of the triglycine sulfate IR spectra indicates that the change in the positions and intensities of bands during phase transition is due to the deformation of the  $\text{SO}_4^{2-}$  ion. The piezoelectric crystals consisted of deuterized triglycine sulfate and triglycine selenate. The reflection spectra were taken from oriented cut crystals; the absorption spectra from powdered crystals pressed between KBr plates. The spectral region investigated was between 1030 and 1200  $\text{cm}^{-1}$ . The vibrational frequencies of the free  $\text{SO}_4^{2-}$  ion in the various crystals are tabulated and compared with those measured by other investi-

Card 1/2

ACC NR: AP6026891

gators. The authors thank O. P. Girin and L. A. Shuvalov for their interest and B. S. Neporent for valuable discussions. Orig. art. has: 1 table, 1 formula.

SUB CODE: 20/

SUBM DATE: 26Jan66/

ORIG REF: 007/

OTH REF: 009

Card 2/2

GALANOVA, G. V.

Galanova, G. V. "A case of Brok's Brocq's? pseudopelade," Voprosy dermato-venerologii,  
Vol. IV, 1948, p. 174-81, - Bibliog: 5 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).



GALANOVA, G. V.

Galanova, G. V. "On the problem of the origin of 'poshesukha' in adults," Voprosy dermatovenerologii, Vol. IV, 1943, p. 12026.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

EXCERPTA MEDICA Sec 13/Vol 13/1 Dermatology Jan 59

6. THYMOL TURBIDITY TEST IN PATIENTS WITH CERTAIN DERMATOSES  
(Russian text) - Galanova G. V. - VESTN. DERM. VENER. 1958, 32/1  
(29-32) Tables 1

The thymol turbidity test was performed in 195 patients suffering from various skin diseases. Positivity of the test was noted in 27 patients. The test was strongly positive in 7 cases (4 patients with erythroderma, one with acute lupus erythematosus, one with actinomycosis and one with scleroderma). In 9 patients with a positive thymol test no clinical signs of functional disturbance of the liver was noted. Sinking value of the test is a good prognostic sign. Kraus - Hradec Králové

Iz Ufimskogo kozhno-venereologicheskogo  
instituta:

SHINSKIY, G.E., kand.med.nauk; VEVER, R.E.; GALANOVA, G.V., SIDOROVA, V.M.,  
mladshiy nauchnyy sotrudnik; ZAPROMETOVA, A.P., mladshiy nauchnyy  
sotrudnik; CHIBIRYAYEVA, A.D., mladshiy nauchnyy sotrudnik

Protein composition of the blood in patients with some dermatoses.  
Vest.derm.i ven. no.7:21-27 '61. (MIRA 15:5)

1. Iz Ufinskogo kozhno-venerologicheskogo instituta (dir. -  
starshiy nauchnyy sotrudnik P.N. Shishkin, nauchnyy rukovo-  
ditel' - starshiy nauchnyy sotrudnik G.E. Shinskiy).  
(SKIN--DISEASES) (BLOOD PROTEINS)

NIKOLAYEV, A.G.; GALANOVA, L.

Variability of chemical characters in *Mentha sachalinensis*. Report No.3:  
Variability in self-pollination. Trudy po khim. prirod. soed. no.3:  
121-127'60. (MIRA 16:2)

1. Kishinevskiy gosudarstvennyy universitet. Laboratoriya biokhimi  
efironosov.  
(Mint (Botany)) (Plants—Chemical analysis) (Botany—Variation)

L 51307-65 EEC(b)-2/ENT(1)/T PI-4 IJP(s) GG  
 ACCESSION NR: AP5014614 UR/0181/65/007/006/1908/1910

AUTHOR: Berkeliyev, A. D.; Volkov, A. S.; Galavanov, V. V.; Vasilev, D. N.

TITLE: Investigation of the lifetime of nonequilibrium current carriers and the noises in p-InSb

SOURCE: Fizika tverdogo tela, v. 7, no. 6, 1965, 1908-1910

TOPIC TAGS: current carrier, current carrier lifetime, nonequilibrium current carrier, p InSb single crystal

ABSTRACT: An investigation is made at 78K of p-InSb single crystals (concentration of holes,  $10^{12}$  to  $10^{13}$  cm<sup>-3</sup>) obtained by zone melting. The specimens used were 6 x 1.5 x 0.5 mm. To determine the lifetime of nonequilibrium current carriers, stationary and nonstationary photoconductivity and noises were measured. In measuring stationary photoconductivity, the specimen was illuminated with a modulated light at 500 cps. A filter transmitted a light spectrum from 1.5 to 2.5  $\mu$ . In measuring the relaxation of photoconductivity, a GaAs diode fed from a GIP-2 generator was used as an inertia-free source for the radiation of rectangular light pulses ( $\tau < 10^{-9}$  sec). The dependence of electroconductivity and Hall coefficient on temperature, the dependence of stationary photoconductivity on temperature, and the spectral density of current noises in a frequency range from  $2 \times 10^2$  to  $2 \times 10^5$  cps

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at different temperatures were determined for a specimen with a concentration of current carriers of  $4 \times 10^{12} \text{ cm}^{-3}$  at  $T = 78\text{K}$ . An  $i/f$  type noise was observed at low frequencies, while at high frequencies a generation-recombination noise prevailed. The lifetime at  $T = 78\text{K}$  was  $2 \times 10^{-5} \text{ sec}$  without additional illumination of the specimen and  $(1-1.5) \times 10^{-5} \text{ sec}$  with constant illumination of the specimen. Orig. art. has: 2 formulas and 2 figures. [JA]

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